BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of the work: **Estimate for Construction of CC Drain in Balaji Layout in Ward No. 08, Kodigehalli Sub Division.**

			Estimate Cost:					1600000.00	
Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRRB 300-2. Earth work excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. **Page No. 152 / Item No. 19.2 / PWD SR 2013-14**	Cum							
	For CC Drain		1	135.00	1.50	1.50	303.75		
							303.75	90.72	**27556.00**
	Basic Rate	84.00							
	Area Weightage @8%	6.72							
	Total	**90.72**							
2	KSRB 4-1.3 : Providing and laying in position **plain cement concrete of mix M7.5 with OPC cement @ 180 Kgs** using **40mm** and down size graded granite metal, corse aggregates @ 0.85 cum and fine aggregtes @ 0.58cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, **in foundation and plinth**, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 **Page No. 12 / Item No. 4.3 PWD SR - 2013-14**	Cum							
			1	135.00	1.50	0.15	30.38		
							30.38	4290.84	**130334.00**
	Basic Rate	3973.00							
	Area Weightage @ 8%	317.84							
	Total	**4290.84**							
3	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface** such as **walls at any thickness**, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **Page No.17 / Item No. 4.31 PWD SR - 2013-14**	Sqm							
	Side Walls		4	135.00		1.20	648.00		
	Covering Slab Bottom		1	80.00	1.20		96.00		
	Covering Slab Sides		2	80.00		0.15	24.00		
			2	1.50		0.15	0.45		
							768.45	271.08	**208311.00**

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	Basic Rate	251.00							
	Area Weightage @ 8%	20.08							
	Total	**271.08**							
4	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams. **Page No. 19 / Item No. 4.48.1/ PWD SR 2013-14**	Cum							
	Bottom		1	135.00	1.50	0.15	30.38		
	Side Walls		2	135.00	0.15	1.20	48.60		
	Covering Slab		1	80.00	1.80	0.15	21.60		
							100.58	6464.88	**650205.00**
	Basic Rate	5986.00							
	Area Weightage @ 8%	478.88							
	Total	**6464.88**							
5	KSRB 4.9.2: Providing **TMT steel reinforcement for R.C.C** work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **Page No. 19 / Item No. 4.46.2 PWD SR 2013-14**	Qntl							
	Consider 75Kg/Cum		0.75	100.58			**75.43**	7450.92	**562032.00**
	Basic Rate	6899.00							
	Area Weightage 8%	551.92							
	Total	**7450.92**							
6	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123)	Cum							
				Vide Item No. 1			**288.56**	72.71	**20980.00**
	Basic rate for haulage of materials as per item no.17.4 page 141) Rs. 2.00								
	Average weight of earth 1.28 tonne / kg for 2X1.28X2.00=5.12	5.12							
	Add loading and unloading Vide item no.17.1 P.no.141	62.20							

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
		67.32							
	Area Weightage @ 8%	5.39							
	Total	**72.71**							
15	Miscellaneous and other Charges	L/S							**582.00**
								Total	**1600000.00**
(Rs. Sixteen Lakhs Only)									

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per P.W.D S.R of 2013-14.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Technical Sanction for Rs. 16.00 lakhs
Sixteen lakhs only.
Letter
EE(BTP)322/13-14
registered as EE No:...../.....Subject
to conditions contained enclosed memo.
No: 7/2/14 /.....Dr.

AE/JE

EE (BTP. Div.)